



PREscore 4.0
NPL Characteristics Data Collection Form

PAGE: 1

Record Information

1. Site Name: Target Rock Corporation
(as entered in CERCLIS)
2. Site CERCLIS Number: NYD002034056
3. Site Reviewer: William B. Welling
4. Date: 6/5/96
5. Site Location: Town of Babylon/Suffolk/New York
(City/County, State)
6. Congressional District: 02
7. Site Coordinates: Single
Latitude: 40°44'43.0" Longitude: 073°25'47.0"

Site Description

1. Setting: Urban
2. Current Owner: Private - Industrial
3. Current Site Status: Active
4. Years of Operation: Active Site , from and to dates: 1982 to present
5. How Initially Identified: State/Local Program
6. Entity Responsible for Waste Generation:
 - Manufacturing
 - Primary Metal Industries
 - Metal Coating
 - Metal Forging and Stamping
7. Site Activities/Waste Deposition:
 - Other - Discharges to drywell
 - Drum/Container Storage

PREscore 4.0
NPL Characteristics Data Collection Form

PAGE: 2

Waste Description

8. Wastes Deposited or Detected Onsite:

- Organic Chemicals
- Solvents
- Paints/Pigments
- Oily Waste

Response Actions

9. Response/Removal Actions:

- Other Removal Action Has Occurred

RCRA Information

10. For All Active Facilities, RCRA Site Status:

- Subtitle C
- -Small Quantity Generator

Demographic Information

11. Workers Present Onsite: Yes

12. Distance to Nearest Non-Worker Individual: Onsite

13. Residential Population Within 1 Mile: 6176.0

14. Residential Population Within 4 Miles: 91159.0

Water Use Information

15. Local Drinking Water Supply Source:

- Ground Water (within 4 mile distance limit)

16. Total Population Served by Local Drinking Water Supply Source: 182640.0

17. Drinking Water Supply System Type for Local Drinking Water Supply Sources:

- Municipal (Services over 25 People)

18. Surface Water Adjacent to/Draining Site:

- None

PREscore 4.0
HRS DOCUMENTATION RECORD

PAGE: 1

1. Site Name: Target Rock Corporation
(as entered in CERCLIS)
2. Site CERCLIS Number: NYD002034056
3. Site Reviewer: William B. Welling
4. Date: 6/5/96
5. Site Location: Town of Babylon/Suffolk/New York
(City/County, State)
6. Congressional District: 02
7. Site Coordinates: Single

Latitude: 40°44'43.0"

Longitude: 073°25'47.0"

	Score
Ground Water Migration Pathway Score (Sgw)	33.50
Surface Water Migration Pathway Score (Ssw)	0.00
Soil Exposure Pathway Score (Ss)	0.00
Air Migration Pathway Score (Sa)	0.00

Site Score	16.75
------------	-------

NOTE

Site names, and references to specific parcels or properties, are provided for general identification purposes only. Knowledge regarding the extent of sites will be refined as more information is developed during the RI/FS and even during implementation of the remedy.

PREscore 4.0
GROUND WATER MIGRATION PATHWAY SCORESHEET

PAGE: 2

GROUND WATER MIGRATION PATHWAY Factor Categories & Factors	Maximum Value	Value Assigned
Likelihood of Release to an Aquifer Aquifer: Upper glacial/Magoth		
1. Observed Release	550	550
2. Potential to Release		
2a. Containment	10	10
2b. Net Precipitation	10	6
2c. Depth to Aquifer	5	5
2d. Travel Time	35	35
2e. Potential to Release [lines 2a(2b+2c+2d)]	500	460
3. Likelihood of Release	550	550
Waste Characteristics		
4. Toxicity/Mobility	*	1.00E+00
5. Hazardous Waste Quantity	*	100
6. Waste Characteristics	100	3
Targets		
7. Nearest Well	50	1.80E+01
8. Population		
8a. Level I Concentrations	**	0.00E+00
8b. Level II Concentrations	**	0.00E+00
8c. Potential Contamination	**	1.66E+03
8d. Population (lines 8a+8b+8c)	**	1.66E+03
9. Resources	5	0.00E+00
10. Wellhead Protection Area	20	0.00E+00
11. Targets (lines 7+8d+9+10)	**	1.68E+03
12. Targets (including overlaying aquifers)	**	1.68E+03
13. Aquifer Score	100	33.50
GROUND WATER MIGRATION PATHWAY SCORE (Sgw)	100	33.50

* Maximum value applies to waste characteristics category.
** Maximum value not applicable.

PREscore 4.0
SURFACE WATER OVERLAND/FLOOD MIGRATION COMPONENT SCORESHEET

PAGE: 3

SURFACE WATER OVERLAND/FLOOD MIGRATION COMPONENT Factor Categories & Factors DRINKING WATER THREAT	Maximum Value	Value Assigned
Likelihood of Release		
1. Observed Release	550	0
2. Potential to Release by Overland Flow		
2a. Containment	10	0
2b. Runoff	25	0
2c. Distance to Surface Water	25	25
2d. Potential to Release by Overland Flow [lines 2a(2b+2c)]	500	0
3. Potential to Release by Flood		
3a. Containment (Flood)	10	0
3b. Flood Frequency	50	0
3c. Potential to Release by Flood (lines 3a x 3b)	500	0
4. Potential to Release (lines 2d+3c)	500	0
5. Likelihood of Release	550	0
Waste Characteristics		
6. Toxicity/Persistence	*	0.00E+00
7. Hazardous Waste Quantity	*	0
8. Waste Characteristics	100	0
Targets		
9. Nearest Intake	50	0.00E+00
10. Population		
10a. Level I Concentrations	**	0.00E+00
10b. Level II Concentrations	**	0.00E+00
10c. Potential Contamination	**	0.00E+00
10d. Population (lines 10a+10b+10c)	**	0.00E+00
11. Resources	5	0.00E+00
12. Targets (lines 9+10d+11)	**	0.00E+00
13. DRINKING WATER THREAT SCORE	100	0.00

* Maximum value applies to waste characteristics category.

** Maximum value not applicable.

PREscore 4.0
SURFACE WATER OVERLAND/FLOOD MIGRATION COMPONENT SCORESHEET

PAGE: 4

SURFACE WATER OVERLAND/FLOOD MIGRATION COMPONENT Factor Categories & Factors HUMAN FOOD CHAIN THREAT	Maximum Value	Value Assigned
Likelihood of Release		
14. Likelihood of Release (same as line 5)	550	0
Waste Characteristics		
15. Toxicity/Persistence/Bioaccumulation	*	0.00E+00
16. Hazardous Waste Quantity	*	0
17. Waste Characteristics	1000	0
Targets		
18. Food Chain Individual	50	0.00E+00
19. Population		
19a. Level I Concentrations	**	0.00E+00
19b. Level II Concentrations	**	0.00E+00
19c. Pot. Human Food Chain Contamination	**	0.00E+00
19d. Population (lines 19a+19b+19c)	**	0.00E+00
20. Targets (lines 18+19d)	**	0.00E+00
21. HUMAN FOOD CHAIN THREAT SCORE	100	0.00

* Maximum value applies to waste characteristics category.
** Maximum value not applicable.

PREscore 4.0
SURFACE WATER OVERLAND/FLOOD MIGRATION COMPONENT SCORESHEET

PAGE: 5

SURFACE WATER OVERLAND/FLOOD MIGRATION COMPONENT Factor Categories & Factors ENVIRONMENTAL THREAT	Maximum Value	Value Assigned
Likelihood of Release		
22. Likelihood of Release (same as line 5)	550	0
Waste Characteristics		
23. Ecosystem Toxicity/Persistence/Bioacc.	*	0.00E+00
24. Hazardous Waste Quantity	*	0
25. Waste Characteristics	1000	0
Targets		
26. Sensitive Environments		
26a. Level I Concentrations	**	0.00E+00
26b. Level II Concentrations	**	0.00E+00
26c. Potential Contamination	**	0.00E+00
26d. Sensitive Environments	**	0.00E+00
(lines 26a+26b+26c)		
27. Targets (line 26d)	**	0.00E+00
28. ENVIRONMENTAL THREAT SCORE	60	0.00
29. WATERSHED SCORE	100	0.00
30. SW: OVERLAND/FLOOD COMPONENT SCORE (Sof)	100	0.00

* Maximum value applies to waste characteristics category.

** Maximum value not applicable.

GROUND WATER TO SURFACE WATER MIGRATION COMPONENT Factor Categories & Factors DRINKING WATER THREAT	Maximum Value	Value Assigned
Likelihood of Release to Aquifer Aquifer: Upper glacial/Magath		
1. Observed Release	550	550
2. Potential to Release		
2a. Containment	10	10
2b. Net Precipitation	10	6
2c. Depth to Aquifer	5	5
2d. Travel Time	35	35
2e. Potential to Release		
[lines 2a(2b+2c+2d)]	500	460
3. Likelihood of Release	550	550
Waste Characteristics		
4. Toxicity/Mobility/Persistence	*	4.00E+02
5. Hazardous Waste Quantity	*	100
6. Waste Characteristics	100	10
Targets		
7. Nearest Intake	50	0.00E+00
8. Population		
8a. Level I Concentrations	**	0.00E+00
8b. Level II Concentrations	**	0.00E+00
8c. Potential Contamination	**	0.00E+00
8d. Population (lines 8a+8b+8c)	**	0.00E+00
9. Resources	5	0.00E+00
10. Targets (lines 7+8d+9)	**	0.00E+00
11. DRINKING WATER THREAT SCORE	100	0.00

* Maximum value applies to waste characteristics category.
** Maximum value not applicable.

GROUND WATER TO SURFACE WATER MIGRATION COMPONENT Factor Categories & Factors HUMAN FOOD CHAIN THREAT	Maximum Value	Value Assigned
Likelihood of Release		
12. Likelihood of Release (same as line 3)	550	550
Waste Characteristics		
13. Toxicity/Mobility/Persistence/Bioacc.	*	5.00E+06
14. Hazardous Waste Quantity	*	100
15. Waste Characteristics	1000	100
Targets		
16. Food Chain Individual	50	0.00E+00
17. Population		
17a. Level I Concentrations	**	0.00E+00
17b. Level II Concentrations	**	0.00E+00
17c. Pot. Human Food Chain Contamination	**	0.00E+00
17d. Population (lines 17a+17b+17c)	**	0.00E+00
18. Targets (lines 16+17d)	**	0.00E+00
19. HUMAN FOOD CHAIN THREAT SCORE	100	0.00

* Maximum value applies to waste characteristics category.
 ** Maximum value not applicable.

GROUND WATER TO SURFACE WATER MIGRATION COMPONENT Factor Categories & Factors ENVIRONMENTAL THREAT	Maximum Value	Value Assigned
Likelihood of Release		
20. Likelihood of Release (same as line 3)	550	550
Waste Characteristics		
21. Ecosystem Tox./Mobility/Persist./Bioacc.	*	5.00E+07
22. Hazardous Waste Quantity	*	100
23. Waste Characteristics	1000	180
Targets		
24. Sensitive Environments		
24a. Level I Concentrations	**	0.00E+00
24b. Level II Concentrations	**	0.00E+00
24c. Potential Contamination	**	0.00E+00
24d. Sensitive Environments	**	0.00E+00
(lines 24a+24b+24c)		
25. Targets (line 24d)	**	0.00E+00
26. ENVIRONMENTAL THREAT SCORE	60	0.00
27. WATERSHED SCORE	100	0.00
28. SW: GW to SW COMPONENT SCORE (Sgs)	100	0.00

* Maximum value applies to waste characteristics category.

** Maximum value not applicable.

PREscore 4.0
SOIL EXPOSURE PATHWAY SCORESHEET

PAGE: 9

SOIL EXPOSURE PATHWAY Factor Categories & Factors RESIDENT POPULATION THREAT	Maximum Value	Value Assigned
Likelihood of Exposure		
1. Likelihood of Exposure	550	0
Waste Characteristics		
2. Toxicity	*	0.00E+00
3. Hazardous Waste Quantity	*	0
4. Waste Characteristics	100	0
Targets		
5. Resident Individual	50	0.00E+00
6. Resident Population		
6a. Level I Concentrations	**	0.00E+00
6b. Level II Concentrations	**	0.00E+00
6c. Resident Population (lines 6a+6b)	**	0.00E+00
7. Workers	15	0.00E+00
8. Resources	5	0.00E+00
9. Terrestrial Sensitive Environments	***	0.00E+00
10. Targets (lines 5+6c+7+8+9)	**	0.00E+00
11. RESIDENT POPULATION THREAT SCORE	**	0.00E+00

- * Maximum value applies to waste characteristics category.
 ** Maximum value not applicable.
 *** No specific maximum value applies, see HRS for details.

PREscore 4.0
SOIL EXPOSURE PATHWAY SCORESHEET

PAGE: 10

SOIL EXPOSURE PATHWAY Factor Categories & Factors NEARBY POPULATION THREAT	Maximum Value	Value Assigned
Likelihood of Exposure		
12. Attractiveness/Accessibility	100	0.00E+00
13. Area of Contamination	100	0.00E+00
14. Likelihood of Exposure	500	0.00E+00
Waste Characteristics		
15. Toxicity	*	0.00E+00
16. Hazardous Waste Quantity	*	0
17. Waste Characteristics	100	0
Targets		
18. Nearby Individual	1	0.00E+00
19. Population Within 1 Mile	**	0.00E+00
20. Targets (lines 18+19)	**	0.00E+00
21. NEARBY POPULATION THREAT SCORE	**	0.00E+00
SOIL EXPOSURE PATHWAY SCORE (Ss)	100	0.00

* Maximum value applies to waste characteristics category.

** Maximum value not applicable.

PREscore 4.0
AIR PATHWAY SCORESHEET

PAGE: 11

AIR MIGRATION PATHWAY Factor Categories & Factors	Maximum Value	Value Assigned
Likelihood of Release		
1. Observed Release	550	0
2. Potential to Release		
2a. Gas Potential to Release	500	0
2b. Particulate Potential to Release	500	0
2c. Potential to Release	500	0
3. Likelihood of Release	550	0
Waste Characteristics		
4. Toxicity/Mobility	*	0.00E+00
5. Hazardous Waste Quantity	*	0
6. Waste Characteristics	100	0
Targets		
7. Nearest Individual	50	0.00E+00
8. Population		
8a. Level I Concentrations	**	0.00E+00
8b. Level II Concentrations	**	0.00E+00
8c. Potential Contamination	**	0.00E+00
8d. Population (lines 8a+8b+8c)	**	0.00E+00
9. Resources	5	0.00E+00
10. Sensitive Environments		
10a. Actual Contamination	***	0.00E+00
10b. Potential Contamination	***	0.00E+00
10c. Sens. Environments (lines 10a+10b)	***	0.00E+00
11. Targets (lines 7+8d+9+10c)	**	0.00E+00
AIR MIGRATION PATHWAY SCORE (Sa)	100	0.00E+00

- * Maximum value applies to waste characteristics category.
 ** Maximum value not applicable.
 *** No specific maximum value applies, see HRS for details.

1. WASTESTREAM QUANTITY SUMMARY TABLE, SOURCE: Former drywell

a. Wastestream ID	Rinse wastewater
b. Hazardous Constituent Quantity (C) (lbs.)	750.00
c. Data Complete?	YES
d. Hazardous Wastestream Quantity (W) (lbs.)	15000.00
e. Data Complete?	YES
f. Wastestream Quantity Value (W/5,000)	3.00E+00

Wastestream Constituent Hazardous Substances	Concent.	Units	Liquid	Qualifier
Trichloroethane, 1,1,1-	5.0E+00	%	YES	

Documentation for Constituents:

A written statement was given to Roux Associates, Inc., by Mr. Dick Squittiere, Plant Engineer for Target Rock Corporation, that between mid 1982 and September 1993 "no more than 2000 gallons per month of waste water were discharged."

The waste water contained 5% 1,1,1-trichloroethane and discharges in this period of time were all to the drywell.

Reference 26 of the revised, 1996 Site Inspection Narrative Report

Documentation for Wastestream Quantity:

Calculations are based upon the statement from Mr. Squittiere:

(5% 1,1,1-TCA) (15 months) (@2000 gallons/month) = 1500 gallons of 1,1,1-TCA

2. SOURCE HAZARDOUS WASTE QUANTITY FACTOR TABLE

a. Source ID		Former drywell	
b. Source Type		Drums	
c. Secondary Source Type		N.A.	
d. Source Vol.(yd3/gal)	Source Area (ft2)	0.00	0.00
e. Source Volume/Area Value		0.00E+00	
f. Source Hazardous Constituent Quantity (HCQ) Value (sum of 1b)		7.50E+02	
g. Data Complete?		YES	
h. Source Hazardous Wastestream Quantity (WSQ) Value (sum of 1f)		3.00E+00	
i. Data Complete?		YES	
k. Source Hazardous Waste Quantity (HWQ) Value (2e, 2f, or 2h)		7.50E+02	

3. SITE HAZARDOUS WASTE QUANTITY SUMMARY

No. Source ID	Migration Pathways	Vol. or Area Value (2e)	Constituent or Wastestream Value (2f,2h)	Hazardous Waste Qty. Value (2k)
1 Former drywell	GW-SE	0.00E+00	7.50E+02	7.50E+02

4. PATHWAY HAZARDOUS WASTE QUANTITY AND WASTE CHARACTERISTICS SUMMARY TABLE

Migration Pathway	Contaminant Values	HWQVs*	WCVs**
Ground Water	Toxicity/Mobility 1.00E+00	100	3
SW: Overland Flow, DW	Tox./Persistence 0.00E+00	0	0
SW: Overland Flow, HFC	Tox./Persis./Bioacc. 0.00E+00	0	0
SW: Overland Flow, Env	Etox./Persis./Bioacc. 0.00E+00	0	0
SW: GW to SW, DW	Tox./Persistence 4.00E+02	100	10
SW: GW to SW, HFC	Tox./Persis./Bioacc. 5.00E+06	100	100
SW: GW to SW, Env	Etox./Persis./Bioacc. 5.00E+07	100	180
Soil Exposure: Resident	Toxicity 0.00E+00	0	0
Soil Exposure: Nearby	Toxicity 0.00E+00	0	0
Air	Toxicity/Mobility 0.00E+00	0	0

* Hazardous Waste Quantity Factor Values

** Waste Characteristics Factor Category Values

Note: SW = Surface Water
 GW = Ground Water
 DW = Drinking Water Threat
 HFC = Human Food Chain Threat
 Env = Environmental Threat

PREscore 4.0
GROUND WATER PATHWAY AQUIFER SUMMARY

PAGE: 16

No. Aquifer ID	Type	Overlaying No.	Inter- Connected with	Likelihood of Release	Targets
1	Upper glacial/Magoth Non K	0	0	550	1.68E+03

Containment

No.	Source ID	HWQ Value	Containment Value
1	Former drywell	7.50E+02	10

=====
 Containment Factor 10

Documentation for Ground Water Containment, Source Former drywell:

The drywell discharged directly to permeable soil overlying the watertable.
Net Precipitation

Net Precipitation (inches)

N.A.

Aquifer: Upper glacial/Magothy

Type of Aquifer: Non Karst

Overlaying Aquifer: 0

Interconnected with: 0

Documentation for Upper glacial/Magothy Aquifer:

The upper glacial aquifer is approximately 20 to 40 feet thick at the site and is composed of highly permeable outwash sands and gravels. This aquifer is in direct contact with the Magothy aquifer. Permeability of the Magothy is not less by two orders of magnitude. The a significant recharge area of the Magothy aquifer lies within two miles of the site. Recharge to the Magothy within two miles of the site is through the upper glacial aquifer.

See the SI, pages 8, 9, 10 and 13.

OBSERVED RELEASE

No.	Well ID	Well Type	Distance (miles)	Level of Contamination		
1	TRMW-4	Monitoring Well	0.100	Level I		
2	TRMW-2	Monitoring Well	0.200	Level II		
Well No.	Hazardous Substance	Concent.	MCL	Cancer	RFD	Units
1	Bis (2-ethylhexyl) phthalate	2.6E+01	6.0E+00	6.1E+00	7.3E+02	ppb
1	Carbon disulfide	1.5E+01	0.0E+00	0.0E+00	3.7E+03	ppb
1	Trichloroethane, 1,1,1-	6.6E+01	2.0E+02	0.0E+00	0.0E+00	ppb
2	Trichloroethane, 1,1,1-	4.3E+01	2.0E+02	0.0E+00	0.0E+00	ppb
Observed Release Factor					550	

Documentation for Well TRMW-4:

See Table 4, page 1 of 3, SI Narrative Report.

POTENTIAL TO RELEASE

Containment

Containment Factor 10

Net Precipitation

Net Precipitation Factor 6

Depth to Aquifer

A. Depth of Hazardous Substances 8.00 feet

B. Depth to Aquifer from Surface 8.00 feet

C. Depth to Aquifer (B - A) 0.00 feet

Depth to Aquifer Factor 5

Travel Time

Are All Layers Karst? NO

Thickness of Layer(s) with Lowest Conductivity 0.00 feet

Hydraulic Conductivity (cm/sec) 0.0E-00

Travel Time Factor 35

=====

Potential to Release Factor	460
-----------------------------	-----

PREscore 4.0
GROUND WATER PATHWAY WASTE CHARACTERISTICS

PAGE: 19

Source: 1 Former drywell

Source Hazardous Waste Quantity Value: 750.00

Hazardous Substance	Toxicity Value	Mobility Value	Toxicity/ Mobility Value
Trichloroethane, 1,1,1-	1	1.00E+00	1.00E+00

PREscore 4.0
GROUND WATER PATHWAY WASTE CHARACTERISTICS

PAGE: 20

Hazardous Substances Found in an Observed Release

Well No.	Observed Release Hazardous Substance	Toxicity Value	Mobility Value	Toxicity/ Mobility Value
1	Bis (2-ethylhexyl) phthalate	100	1.00E+00	1.00E+02
1	Carbon disulfide	1000	1.00E+00	1.00E+03
1	Trichloroethane, 1,1,1-	1	1.00E+00	1.00E+00
2	Trichloroethane, 1,1,1-	1	1.00E+00	1.00E+00

PREscore 4.0
GROUND WATER PATHWAY WASTE CHARACTERISTICS

PAGE: 21

Toxicity/Mobility Value from Source Hazardous Substances:	1.00E+00
Toxicity/Mobility Value from Observed Release Hazardous Substances:	0.00E+00
Toxicity/Mobility Factor:	1.00E+00
Sum of Source Hazardous Waste Quantity Values:	7.50E+02
Hazardous Waste Quantity Factor:	100
Waste Characteristics Factor Category:	3

Population by Well

No.	Well ID	Sample Type	Distance (miles)	Level of Contamination Population
-----	---------	-------------	---------------------	--------------------------------------

- N/A and/or data not specified

Level I Population Factor: 0.00

Level II Population Factor: 0.00

Potential Contamination by Distance Category

Distance Category (miles)	Population	Value
> 0 to 1/4	0.0	0.00E+00
> 1/4 to 1/2	1140.0	1.01E+02
> 1/2 to 1	6806.0	1.67E+02
> 1 to 2	23742.0	2.94E+02
> 2 to 3	61856.0	6.78E+02
> 3 to 4	86762.0	4.17E+02

Potential Contamination Factor: 1657.000

Nearest Well

Level of Contamination: Potential
Distance in miles: 0.40

Nearest Well Factor: 1.80E+01

Documentation for Nearest Well:

East Farmingdale Water District well number S-20042, is approximately 2700 feet north of the site. It is not a stand-by well. The well is 585 feet deep and draws from the Magothy aquifer.

References 13 and 17.

Resources

Resource Use: NO

Resource Factor: 0.00E+00

Wellhead Protection Area

No wellhead protection area

Wellhead Protection Area Factor: 0.00E+00

PREscore 4.0
SURFACE WATER PATHWAY SEGMENT SUMMARY

PAGE: 24

No. Segment ID	Segment Type	Water Type	Start Point (mi)	End Point (mi)	Average Flow (cfs)
1	River	Fresh	0.00	0.00	0

OBSERVED RELEASE

No. Sample ID	Sample Type	Distance (miles)	Level of Contamination DW HFC Env
---------------	-------------	---------------------	--------------------------------------

- N/A and/or data not specified

=====

Observed Release Factor	0
-------------------------	---

POTENTIAL TO RELEASE

Potential to Release by Overland Flow

Containment

No. Source ID	HWQ Value	Containment Value
---------------	-----------	-------------------

- N/A and/or data not specified		
---------------------------------	--	--

=====

Containment Factor: 0

Documentation for Overland Flow Containment, Source Former drywell:

The overland segment is greater than two miles. There is no potential to release by the overland flow component.

Distance to Surface Water

Distance to Surface Water: 0.0 feet

Distance to Surface Water Factor: 25

Runoff

A. Drainage Area: 0.0 acres

B. 2-year, 24-hour Rainfall: 0.0 inches

C. Soil Group: A
Coarse-textured soils with high infiltration rates

Runoff Factor: 0

=====

Potential to Release by Overland Flow Factor: 0

Potential to Release by Flood

No.	Source ID	HWQ Value	Flood Containment Value	Flood Frequency Value	Potential to Release by Flood
- N/A and/or data not specified					

=====

Potential to Release by Flood Factor: 0

Documentation for Flood Containment, Source Former drywell:

Most of the site is paved or covered with buildings. Surface water runoff (storm water) is collected and diverted to shallow recharge basins nearby. If the water table is very high and the recharge basins are full, there may be a flood potential, but this is unlikely.

Documentation for Flood Frequency, Source Former drywell:

The source is not in a floodplain.

Hazardous Substance	Toxicity Value	Persistence Value	Toxicity/ Persistence Value
---------------------	-------------------	----------------------	-----------------------------------

SW PATHWAY: OVERLAND/FLOOD DRINKING WATER THREAT WASTE CHARACTERISTICS

Hazardous Substances Found in an Observed Release

Sample No.	Observed Release Hazardous Substance	Toxicity Value	Persistence Value	Toxicity/ Persistence Value
------------	---	-------------------	----------------------	-----------------------------------

- N/A and/or data not specified

SW PATHWAY: OVERLAND/FLOOD DRINKING WATER THREAT WASTE CHARACTERISTICS

- N/A and/or data not specified

Toxicity/Persistence Value from Observed Release Hazardous Substances:	0.00E+00
Toxicity/Persistence Factor:	0.00E+00
Sum of Source Hazardous Waste Quantity Values:	0.00E+00
Hazardous Waste Quantity Factor:	0
Waste Characteristics Factor Category:	0

SW PATHWAY: OVERLAND FLOW/FLOOD COMPONENT DRINKING WATER THREAT TARGETS

Level I Concentrations

- N/A and/or data not specified

Level II Concentrations

- N/A and/or data not specified

Most Distant Level I Sample

- N/A and/or data not specified

Most Distant Level II Sample

- N/A and/or data not specified

Level I Concentrations

Intake	Distance Along the In-water Segment from the Probable Point of Entry (miles)	Population
--------	--	------------

- N/A and/or data not specified

Population Served by Level I Intakes: 0.0

Level I Population Factor: 0.00E+00

Level II Concentrations

Intake	Distance Along the In-water Segment from the Probable Point of Entry (miles)	Population
--------	--	------------

- N/A and/or data not specified

Population Served by Level II Intakes: 0.0

Level II Population Factor: 0.00E+00

Potential Contamination

Intake ID	Average Annual Flow (cfs)	Population Served
-----------	------------------------------	----------------------

- N/A and/or data not specified

Documentation for Intake :

There are no drinking water intakes within 15 miles of the site.

Type of Surface Water Body	Total Population	Dilution-Weighted Population
-------------------------------	---------------------	---------------------------------

- N/A and/or data not specified

=====

Dilution-Weighted Population Served by Potentially Contaminated Intakes:	0.0
---	-----

Potential Contamination Factor:	0.0
---------------------------------	-----

Nearest Intake

Location of Nearest Drinking Water Intake: N.A.

Nearest Intake Factor: 0.00

Resources

Resource Use: NO

Resource Value: 0.00E+00

SW PATHWAY: OVERLAND/FLOOD HUMAN FOOD CHAIN THREAT WASTE CHARACTERISTICS

Hazardous Substance	Toxicity Value	Persistence Value	Bio- accum. Value	Toxicity/ Persistence/ Bioaccum. Value
---------------------	-------------------	----------------------	-------------------------	---

SW PATHWAY: OVERLAND/FLOOD HUMAN FOOD CHAIN THREAT WASTE CHARACTERISTICS

Hazardous Substances Found in an Observed Release

Sample Observed Release No.	Hazardous Substance	Toxicity Value	Persistence Value	Bio- accum. Value	Toxicity/ Persistence/ Bioaccum. Value
--------------------------------	---------------------	-------------------	----------------------	-------------------------	---

- N/A and/or data not specified

SW PATHWAY: OVERLAND/FLOOD HUMAN FOOD CHAIN THREAT WASTE CHARACTERISTICS

Toxicity/Persistence/Bioaccumulation Value from Source Hazardous

Substances:

1.38E-214

Substances:

1.38E-214

Substances:

1.83E-214

Toxicity/Persistence/Bioaccumulation Value from Observed Release

Hazardous Substances:

0.00E+00

Toxicity/Persistence/Bioaccumulation Factor:

0.00E+00

Sum of Source Hazardous Waste Quantity Values:

0.00E+00

Hazardous Waste Quantity Factor:

0

Waste Characteristics Factor Category:

0

SW PATHWAY: OVERLAND FLOW/FLOOD COMPONENT HUMAN FOOD CHAIN THREAT TARGETS

Level I Concentrations

- N/A and/or data not specified

Level II Concentrations

- N/A and/or data not specified

Most Distant Level I Sample

- N/A and/or data not specified

Most Distant Level II Sample

- N/A and/or data not specified

Level I Concentrations

Fishery	Annual Production (pounds).	Human Food Chain Population Value
---------	--------------------------------	--------------------------------------

- N/A and/or data not specified

=====

Sum of Human Food Chain Population Values: 0.00E+00

Level I Concentrations Factor: 0.00E+00

Level II Concentrations

Fishery	Annual Production (pounds)	Human Food Chain Population Value
- N/A and/or data not specified		

=====

Sum of Human Food Chain Population Values: 0.00E+00

Level II Concentrations Factor: 0.00E+00

Potential Contamination

Fishery	Annual Production (pounds)	Type of Surface Water Body	Average Annual Flow (cfs)	Pop. Value (Pi)	Dilution Weight (Di)	Pi*Di
---------	----------------------------------	-------------------------------------	------------------------------------	-----------------------	----------------------------	-------

- N/A and/or data not specified

=====
Sum of (Pi*Di): 0.00E+00

Potential Human Food Chain Contamination Factor: 0.00E+00

Food Chain Individual

Location of Nearest Fishery: N.A.

Food Chain Individual Factor: 0.00

SW PATHWAY: OVERLAND FLOW/FLOOD ENVIRONMENTAL THREAT WASTE CHARACTERISTICS

Hazardous Substance	Eco- toxicity Value	Persistence Value	Bio- accum. Value	Ecotoxicity/ Persistence/ Bioaccum. Value
---------------------	---------------------------	----------------------	-------------------------	--

SW PATHWAY: OVERLAND FLOW/FLOOD ENVIRONMENTAL THREAT WASTE CHARACTERISTICS

Hazardous Substances Found in an Observed Release

Sample No.	Observed Release Hazardous Substance	Eco- toxicity Value	Persistence Value	Bio- accum. Value	Ecotoxicity/ Persistence/ Bioaccum. Value
------------	---	---------------------------	----------------------	-------------------------	--

- N/A and/or data not specified

SW PATHWAY: OVERLAND FLOW/FLOOD ENVIRONMENTAL THREAT WASTE CHARACTERISTICS

Ecotoxicity/Persistence/Bioaccumulation Value from Source
Hazardous Substances:
1.38E-214
Hazardous Substances:
1.38E-214
Hazardous Substances:
1.83E-214

Ecotoxicity/Persistence/Bioaccumulation Value from Observed Release Hazardous Substances:	0.00E+00
Ecotoxicity/Persistence/Bioaccumulation Factor:	0.00E+00
Sum of Source Hazardous Waste Quantity Values:	0.00E+00
Hazardous Waste Quantity Factor:	0
Waste Characteristics Factor Category:	0

SW PATHWAY: OVERLAND FLOW/FLOOD COMPONENT ENVIRONMENTAL THREAT TARGETS

Level I Concentrations

- N/A and/or data not specified

Level II Concentrations

- N/A and/or data not specified

Most Distant Level I Sample

- N/A and/or data not specified

Most Distant Level II Sample

- N/A and/or data not specified

Level I Concentrations

Sensitive Environment	Distance from Probable Point of Entry to Sensitive Env. (miles)	Sensitive Environment Value
-----------------------	---	-----------------------------------

- N/A and/or data not specified

Sum of Sensitive Environments Values: 0

Wetlands

Wetland	Distance from Probable Point of Entry to Wetland (miles)	Wetlands Frontage (miles)
---------	--	------------------------------

- N/A and/or data not specified

Total Wetlands Frontage: 0.00 Miles Total Wetlands Value: 0

=====

Sum of Sensitive Environments Value + Wetlands Value: 0.00E+00

Level I Concentrations Factor: 0.00E+00

Level II Concentrations

Sensitive Environment	Distance from Probable Point of Entry to Sensitive Env. (miles)	Sensitive Environment Value
- N/A and/or data not specified		

Sum of Sensitive Environments Values: 0

Wetlands

Wetland	Distance from Probable Point of Entry to Wetland (miles)	Wetlands Frontage (miles)
- N/A and/or data not specified		

Total Wetlands Frontage: 0.00 Miles Total Wetlands Value: 0

=====

Sum of Sensitive Environments Value + Wetlands Value: 0.00E+00

Level II Concentrations Factor: 0.00E+00

Potential ContaminationSensitive Environments

Type of Surface Water Body	Sensitive Environment	Sensitive Environment Value
-------------------------------	-----------------------	-----------------------------------

Wetlands

Type of Surface Water Body	Sensitive Environment	Wetlands Frontage	Wetlands Value
-------------------------------	-----------------------	----------------------	-------------------

- N/A and/or data not specified

Type of Surface	Sum of Sens. Environment Values(Sj)	Sum of Wetland Frontage Values(Wj)	Dilution Weight (Dj)	Dj(Wj+Sj)
Water Body				

- N/A and/or data not specified

Sum of Dj(Wj+Sj): 0.00E+00
Sum of Dj(Wj+Sj)/10: 0.00E+00

=====
Potential Contamination Sensitive Environment Factor: 0.00E+00

PREscore 4.0
SURFACE WATER PATHWAY GW TO SW CONTAINMENT SUMMARY

PAGE: 51

Containment

No.	Source ID	HWQ Value	Containment Value
1	Former drywell	7.50E+02	10
=====			
	Containment Factor		10

Documentation for Ground Water Containment, Source Former drywell:

The drywell discharged directly to permeable soil overlying the watertable.
Net Precipitation

Net Precipitation (inches)	0.00
----------------------------	------

Aquifer: Upper glacial/Magothy.

Type of Aquifer: Non Karst

Overlaying Aquifer: 0

Interconnected with: 0

Documentation for Upper glacial/Magothy Aquifer:

The upper glacial aquifer is approximately 20 to 40 feet thick at the site and is composed of highly permeable outwash sands and gravels. This aquifer is in direct contact with the Magothy aquifer. Permeability of the Magothy is not less by two orders of magnitude

The a significant recharge area of the Magothy aquifer lies within two miles of the site. Recharge to the Magothy within two miles of the site is through the upper glacial aquifer.

See the SI, pages 8, 9, 10 and 13.

OBSERVED RELEASE

No.	Well ID	Well Type	Distance (miles)	Level of Contamination			
1	TRMW-4	Monitoring Well	0.100	Level I			
2	TRMW-2	Monitoring Well	0.200	Level II			

Well No.	Hazardous Substance	Concent.	MCL	Cancer	RFD	Units
1	Bis (2-ethylhexyl) phthalate	2.6E+01	6.0E+00	6.1E+00	7.3E+02	ppb
1	Carbon disulfide	1.5E+01	0.0E+00	0.0E+00	3.7E+03	ppb
1	Trichloroethane, 1,1,1-	6.6E+01	2.0E+02	0.0E+00	0.0E+00	ppb
2	Trichloroethane, 1,1,1-	4.3E+01	2.0E+02	0.0E+00	0.0E+00	ppb

Observed Release Factor					550
-------------------------	--	--	--	--	-----

Documentation for Well TRMW-4:

See Table 4, page 1 of 3, SI Narrative Report.

POTENTIAL TO RELEASE

Ground Water to Surface Water Angle

Probable Point of Entry	0.00	miles
Angle Theta	0	

Containment

Containment Factor	10
--------------------	----

Net Precipitation

Net Precipitation Factor	6
--------------------------	---

Depth to Aquifer

A. Depth of Hazardous Substances	8.00	feet
B. Depth to Aquifer from Surface	8.00	feet
C. Depth to Aquifer (B - A)	0.00	feet
Depth to Aquifer Factor	5	

Travel Time

Are All Layers Karst?	NO
Thickness of Layer(s) with Lowest Conductivity	0.00 feet
Hydraulic Conductivity (cm/sec)	0.0E-00
Travel Time Factor	35

=====

Potential to Release Factor	460
-----------------------------	-----

=====

SW PATHWAY: GW TO SW COMPONENT DRINKING WATER THREAT WASTE CHARACTERISTICS

Source: 1 Former drywell

Source Hazardous Waste Quantity Value: 750.00

Hazardous Substance	Toxicity Factor Value	Persist. Value	Mobility Value	Toxicity/ Mobility/ Persistence
Trichloroethane, 1,1,1-	1	4.00E-01	1.00E+00	4.00E-01

SW PATHWAY: GW TO SW COMPONENT DRINKING WATER THREAT WASTE CHARACTERISTICS

Hazardous Substances Found in an Observed Release

Observed Release Hazardous Substance	Toxicity Factor Value	Persist. Value	Toxicity/ Persistence
Bis (2-ethylhexyl) phthalate	100	1.00E+00	1.00E+02
Carbon disulfide	1000	4.00E-01	4.00E+02
Trichloroethane, 1,1,1-	1	4.00E-01	4.00E-01

Toxicity/Mobility/Persistence Value from Source Hazardous Substances:	4.00E-01
Toxicity/Mobility/Persistence Value from Observed Release Hazardous Substances:	4.00E+02
Toxicity/Mobility/Persistence Factor:	4.00E+02
Sum of Source Hazardous Waste Quantity Values:	0.00E+00
Hazardous Waste Quantity Factor:	100
Waste Characteristics Factor Category:	10

Level I Concentrations

- N/A and/or data not specified

Level II Concentrations

- N/A and/or data not specified

Most Distant Level I Sample

- N/A and/or data not specified

Most Distant Level II Sample

- N/A and/or data not specified

Level I Concentrations

Intake	Distance Along the In-water Segment from the Probable Point of Entry (miles)	Population
- N/A and/or data not specified		

=====

Population Served by Level I Intakes: 0.0

Level I Population Factor: 0.00E+00

Level II Concentrations

Intake	Distance Along the In-water Segment from the Probable Point of Entry (miles)	Population
- N/A and/or data not specified		

=====

Population Served by Level II Intakes: 0.0

Level II Population Factor: 0.00E+00

Potential Contamination

Intake ID	Average Annual Flow (cfs)	Population Served
- N/A and/or data not specified		

Documentation for Intake :

There are no drinking water intakes within 15 miles of the site.

Type of Surface Water Body	Total Population	Dilution-Weighted Population
- N/A and/or data not specified		

=====

Dilution-Weighted Population Served by Potentially Contaminated Intakes:	0.0
---	-----

Potential Contamination Factor:	0.0
---------------------------------	-----

Nearest Intake

Location of Nearest Drinking Water Intake: N.A.

Nearest Intake Factor: 0.00

Resources

Resource Use: NO

Resource Value: 0.00E+00

SW PATHWAY: GW TO SW COMPONENT HUMAM FOOD CHAIN THREAT WASTE CHARACTERISTICS

Source: 1 Former drywell

Source Hazardous Waste Quantity Value: 750.00

Hazardous Substance	Toxicity Value	Persist. Value	Mobility Value	Bio- accum. Value	Tox./Mobil./ Persistence/ Bioaccum. Value
Bis (2-ethylhexyl) phthalate	100	1.00E+00	2.00E-07	5.00E+04	1.00E+00
Carbon disulfide	1000	4.00E-01	1.00E+00	5.00E+02	2.00E+05
Trichloroethane, 1,1,1-	1	4.00E-01	1.00E+00	5.00E+00	2.00E+00

SW PATHWAY: GW TO SW COMPONENT HUMAM FOOD CHAIN THREAT WASTE CHARACTERISTICS

Hazardous Substances Found in an Observed Release

Observed Release Hazardous Substance	Toxicity Value	Persist. Value	Bio- accum. Value	Toxicity/ Persistence Bioaccum. Value
Bis (2-ethylhexyl) phthalate	100	1.00E+00	5.00E+04	5.00E+06
Carbon disulfide	1000	4.00E-01	5.00E+02	2.00E+05
Trichloroethane, 1,1,1-	1	4.00E-01	5.00E+00	2.00E+00

Toxicity/Mobility/Persistence/Bioaccumulation Value from Source Hazardous Substances:	2.00E+00
Toxicity/Mobility/Persistence/Bioaccumulation Value from Observed Release Hazardous Substances:	5.00E+06
Toxicity/Mobility/Persistence/Bioaccumulation Factor:	5.00E+06
Sum of Source Hazardous Waste Quantity Values:	0.00E+00
Hazardous Waste Quantity Factor:	100
Waste Characteristics Factor Category:	100

Level I Concentrations

- N/A and/or data not specified

Level II Concentrations

- N/A and/or data not specified

Most Distant Level I Sample

- N/A and/or data not specified

Most Distant Level II Sample

- N/A and/or data not specified

Level I Concentrations

Fishery	Annual Production (pounds)	Human Food Chain Population Value
---------	-------------------------------	--------------------------------------

- N/A and/or data not specified

=====

Sum of Human Food Chain Population Values: 0.00E+00

Level I Concentrations Factor: 0.00E+00

SW PATHWAY: GW TO SW COMPONENT HUMAN FOOD CHAIN THREAT TARGETS

Level II Concentrations

Fishery	Annual Production (pounds)	Human Food Chain Population Value
---------	-------------------------------	--------------------------------------

- N/A and/or data not specified

=====

Sum of Human Food Chain Population Values: 0.00E+00

Level II Concentrations Factor: 0.00E+00

SW PATHWAY: GW TO SW COMPONENT HUMAN FOOD CHAIN THREAT TARGETS

Potential Contamination

	Annual Production (pounds)	Type of Surface Water Body	Average Annual Flow (cfs)	Pop. Value (Pi)	Dilution Weight (Di)	Pi*Di
Fishery						
- N/A and/or data not specified						

=====
Sum of (Pi*Di): 0.00E+00

Potential Human Food Chain Contamination Factor: 0.00E+00

Food Chain Individual

Location of Nearest Fishery: N.A.

Food Chain Individual Factor: 0.00

SW PATHWAY: GW TO SW COMPONENT ENVIRONMENTAL THREAT WASTE CHARACTERISTICS

Source: 1 Former drywell

Source Hazardous Waste Quantity Value: 750.00

Hazardous Substance	Eco- toxicity Value	Persist. Value	Mob. Value	Bio- accum. Value	Ecotoxicity/ Mobility/ Persistence/ Bioaccum. Value
Bis (2-ethylhexyl) phthalate	1000	1.00E+00	2.00E-07	5.00E+04	1.00E+01
Carbon disulfide	100	4.00E-01	1.00E+00	5.00E+02	2.00E+04
Trichloroethane, 1,1,1-	10	4.00E-01	1.00E+00	5.00E+00	2.00E+01

SW PATHWAY: GW TO SW COMPONENT ENVIRONMENTAL THREAT WASTE CHARACTERISTICS

Hazardous Substances Found in an Observed Release

Observed Release Hazardous Substance	Eco- toxicity Value	Persist. Value	Bio- accum. Value	Ecotoxicity/ Persistence/ Bioaccum. Value
Bis (2-ethylhexyl) phthalate	1000	1.00E+00	5.00E+04	5.00E+07
Carbon disulfide	100	4.00E-01	5.00E+02	2.00E+04
Trichloroethane, 1,1,1-	10	4.00E-01	5.00E+00	2.00E+01

SW PATHWAY: GW TO SW COMPONENT ENVIRONMENTAL THREAT WASTE CHARACTERISTICS

Ecotoxicity/Mobility/Persistence/Bioaccumulation Value from Source Substances:	2.00E+01
Ecotoxicity/Mobility/Persistence/Bioaccumulation Value from Observed Hazardous Substances:	5.00E+07
Ecotoxicity/Mobility/Persistence/Bioaccumulation Factor:	5.00E+07
Sum of Source Hazardous Waste Quantity Values:	0.00E+00
Hazardous Waste Quantity Factor:	100
Waste Characteristics Factor Category:	180

SW PATHWAY: GW TO SW COMPONENT ENVIRONMENTAL THREAT TARGETS

Level I Concentrations

- N/A and/or data not specified

Level II Concentrations

- N/A and/or data not specified

Most Distant Level I Sample

- N/A and/or data not specified

Most Distant Level II Sample

- N/A and/or data not specified

Level I Concentrations

Sensitive Environment	Distance from Probable Point of Entry to Sensitive Env. (miles)	Sensitive Environment Value
- N/A and/or data not specified		

Sum of Sensitive Environments Values: 0

Wetlands

Wetland	Distance from Probable Point of Entry to Wetland (miles)	Wetlands Frontage (miles)
- N/A and/or data not specified		

Total Wetlands Frontage: 0.00 Miles Total Wetlands Value: 0

=====

Sum of Sensitive Environments Value + Wetlands Value: 0.00E+00

Level I Concentrations Factor: 0.00E+00

Level II Concentrations

Sensitive Environment	Distance from Probable Point of Entry to Sensitive Env. (miles)	Sensitive Environment Value
-----------------------	---	-----------------------------------

- N/A and/or data not specified

Sum of Sensitive Environments Values: 0

Wetlands

Wetland	Distance from Probable Point of Entry to Wetland (miles)	Wetlands Frontage (miles)
---------	--	------------------------------

- N/A and/or data not specified

Total Wetlands Frontage: 0.00 Miles Total Wetlands Value: 0

=====

Sum of Sensitive Environments Value + Wetlands Value: 0.00E+00

Level II Concentrations Factor: 0.00E+00

SW PATHWAY: GW TO SW COMPONENT ENVIRONMENTAL THREAT TARGETS

Potential ContaminationSensitive Environments

Type of Surface		Sensitive Environment	Sensitive Environment Value
Water Body			

Wetlands

Type of Surface		Sensitive Environment	Wetlands Frontage	Wetlands Value
Water Body				

- N/A and/or data not specified

Type of Surface Water Body	Sum of Sens. Environment Values(Sj)	Sum of Wetland Frontage Values(Wj)	Dilution Weight (Dj)	Dj (Wj+Sj)
-------------------------------	---	---	----------------------------	------------

- N/A and/or data not specified

Sum of Dj (Wj+Sj): 0.00E+00
 Sum of Dj (Wj+Sj)/10: 0.00E+00

=====

Potential Contamination Sensitive Environment Factor: 0.00E+00

Likelihood of Exposure

No. Source ID	Level of Contamination
---------------	------------------------

- N/A and/or data not specified	
---------------------------------	--

Likelihood of Exposure Factor: 0

Hazardous
Substance

Toxicity
Value

PREscore 4.0
Source Hazardous Waste Quantity Value: %4.21f

PAGE: 78

Toxicity Factor:	0.00E+00
Sum of Source Hazardous Waste Quantity Values:	0.00E+00
Hazardous Waste Quantity Factor:	0
Waste Characteristics Factor Category:	0

PREscore 4.0
SOIL EXPOSURE PATHWAY RESIDENT POPULATION THREAT TARGETS

PAGE: 79

Targets

Level I Population:	0.0	Value:	0.00
Level II Population:	0.0	Value:	0.00
Workers:	300.0	Value:	0.00
Resident Individual:	Potentia	Value:	0.00
Resources:	NO	Value:	0.00

Terrestrial Sensitive Environment	Value
-----------------------------------	-------

- N/A and/or data not specified

=====

Terrestrial Sensitive Environments Factor: 0.00

Documentation for Terrestrial Environment :

There are no sensitive areas located at the site.

Likelihood of Exposure

No. Source ID	Level of Contamination	Attractiveness/ Accessibility	Area of Contam. (sq. feet)
- N/A and/or data not specified			

Highest Attractiveness/Accessibility Value: 0

Sum of Eligible Areas Of Contamination (sq. feet): 0

Area of Contamination Value: 0

Likelihood of Exposure Factor Category: 0

Hazardous
Substance

Toxicity
Value

PREscore 4.0
Source Hazardous Waste Quantity Value: %4.21f

PAGE: 82

Toxicity Factor:	0.00E+00
Sum of Source Hazardous Waste Quantity Values:	0.00E+00
Hazardous Waste Quantity Factor:	0
Waste Characteristics Factor Category:	0

Nearby Individual

Population within 1/4 mile: 0.0

Nearby Individual Value: 0.0

Population Within 1 Mile

Travel Distance Category	Number of People	Value
> 0 to 1/4 mile	0.0	0.0
> 1/4 to 1/2 mile	0.0	0.0
> 1/2 to 1 mile	0.0	0.0

Population Within 1 Mile Factor: 0.0

PREscore 4.0
AIR PATHWAY LIKELIHOOD OF RELEASE

PAGE: 84

OBSERVED RELEASE

No. Sample ID	Distance (miles)	Level of Contamination
---------------	---------------------	------------------------

- N/A and/or data not specified

=====

Observed Release Factor: 0

PREscore 4.0
AIR PATHWAY LIKELIHOOD OF RELEASE

PAGE: 85

Gas Migration Potential

GAS POTENTIAL TO RELEASE

Source ID	Source Type	Gas Contain. Value (A)	Gas Source Type Value (B)	Gas Migrtn. Potent. Value (C)	Sum (B+C)	Gas Potential to Rei. Value A(B+C)
-----------	----------------	---------------------------------	---------------------------------------	---	--------------	--

- N/A and/or data not specified

Gas Potential to Release Factor:

0

Source: Former drywell

Gaseous Hazardous Substance	Hazardous Substance Gas Migration Potential Value
Trichloroethane, i,1,1-	17

Average of Gas Migration Potential Value for 3 Hazardous Substances: 17.000
=====

Gas Migration Potential Value From Table 6-7: 17

Particulate Migration Potential

PARTICULATE POTENTIAL TO RELEASE

Source ID	Source Type	Partic.	Partic.	Partic.	Sum	Partic.
		Contain.	Source	Migrtn.		Potential
		Value	Type	Potent.		to Rel.
		(A)	(B)	(C)	(B+C)	A(B+C)
- N/A and/or data not specified						

Particulate Potential to Release Factor: 0

Source: Former drywell

Particulate Hazardous Substance

PREscore 4.0
AIR PATHWAY WASTE CHARACTERISTICS

PAGE: 89

Hazardous Substance	Toxicity Value	Gas Mobility Value	Particulate Mobility Value	Toxicity/ Mobility Value
---------------------	-------------------	--------------------------	----------------------------------	--------------------------------

Hazardous Substances Found in an Observed Release

Sample Observed Release ID Hazardous Substance	Particulate Toxicity/ Mobility Value	Gas Toxicity/ Mobility Value
---	--	------------------------------------

- N/A and/or data not specified

- N/A and/or data not specified

PREscore 4.0
AIR PATHWAY WASTE CHARACTERISTICS

PAGE: 91

Toxicity/Mobility Value from Observed Release Hazardous Substances:	0.00E+00
Toxicity/Mobility Factor:	0.00E+00
Sum of Source Hazardous Waste Quantity Values:	0.00E+00
Hazardous Waste Quantity Factor:	0
Waste Characteristics Factor Category:	0

AIR PATHWAY TARGETS

Actual Contamination

No.	Sample ID	Distance (miles)	Level of Contamination
-----	-----------	---------------------	------------------------

- N/A and/or data not specified

Potential Contamination.

Distance Categories Subject to Potential Contamination	Population	Value
--	------------	-------

[illegible]

PREscore 4.0
%2d %-20.20s %5.31f %-10.10s

PAGE: 93

Nearest Individual Factor

Distance in miles: Potentia

- N/A and/or data not specified

Resources

Resource Value: 4.9353861867865305400000000000000000000000e+257

Actual Contamination, Sensitive Environments

Sensitive Environment	Distance (miles)	Sensitive Environment Value
-----------------------	---------------------	-----------------------------------

- N/A and/or data not specified

Actual Contamination, Wetlands

Distance Category	Wetland Acreage	Wetland Acreage Value
----------------------	--------------------	--------------------------

- N/A and/or data not specified

=====

(Sum of Sensitive Environments + Wetlands Values)

		Sensitive Environment	Distance Weight	Weighted Value/10
Sensitive Environment	Distance (miles)	Value		
24940	0.0000	4.9353858434047461500000000000000000000e+257		
		6.9669859837552109700000000000000000000e+199		
Sum of Sensitive Environments Weighted Values/10:				0.000

Distance Category	Wetland Acreage	Wetland Acreage Value	Distance Weight	Weighted Value/10
-------------------	-----------------	-----------------------	-----------------	-------------------

- N/A and/or data not specified

9837552109700000000000000000e+199

REFERENCES